STEAMTEK

SERVICE MANUAL

ALL ELECTRIC MODELS & VOLTAGES

TOUGH MACHINES FOR A DEMANDING WORLD.

STEAMTEK.NET

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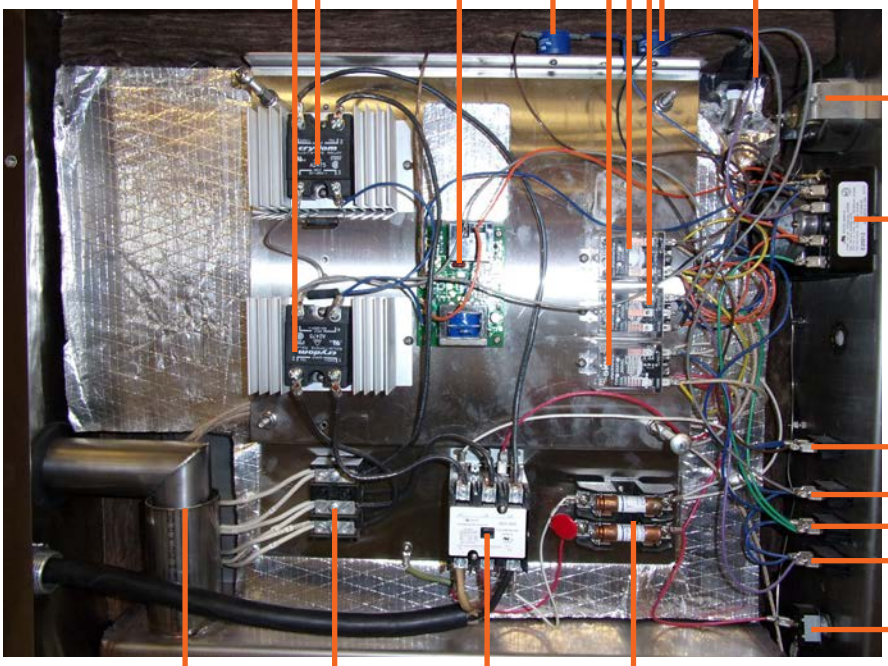
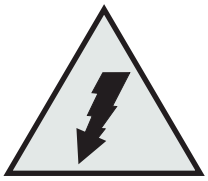
CONTROL SIDE COMPONENTS



TROUBLESHOOTING GUIDE



WARNING

TO PREVENT ELECTRICAL SHOCK DISCONNECT AC INCOMING POWER BEFORE SERVICING.

NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

SYMPTOM	POSSIBLE CAUSE
No Lights When the Toggle is ON	• Facility Main Breaker • Unit ran dry - no water in chamber • F1/F2 Fuse • H1-Limit (OT-1) • Master Contactor • Toggle Switch
"Add Water" Light On	• Not enough water in chamber • Build-Up (Lime) on chamber bottom • OT-2/OT-3 or Add Water Relay
Unit Won't Heat Up 1) w/ Steam Out Exhaust	• PS-1 • SSR-1/SSR-2 • CR-2 not working in Cook Mode
2) w/o Steam Exhaust	• Steam Orifice is blocked
Heat Stays On 1) Light Stays On	• Normal when door open • PS-1 • SSR-1/SSR-2
2) Light Cycles	• (If door is leaking steam, adjust first) • SSR-1/SSR-2

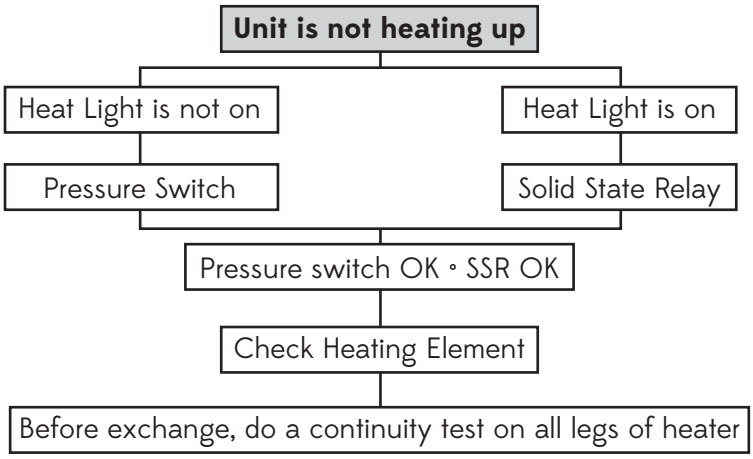
OPERATING SUMMARY

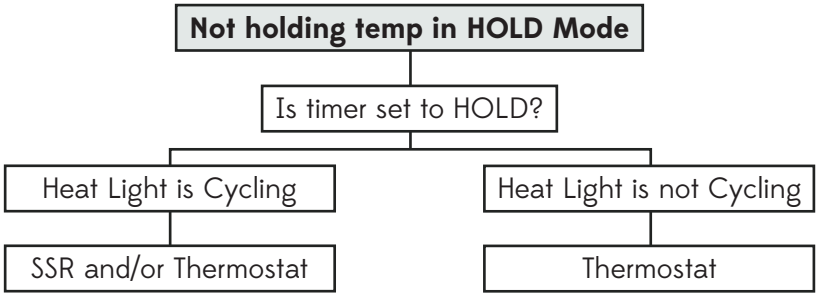
When the timer is at the HOLD position, heat is controlled by the HOLD Thermostat. When the timer is at any other position, heat is directly controlled by PS-1 (pressure switch). Note: Both COOK and HOLD Mode heat outputs are directed through PS-1.

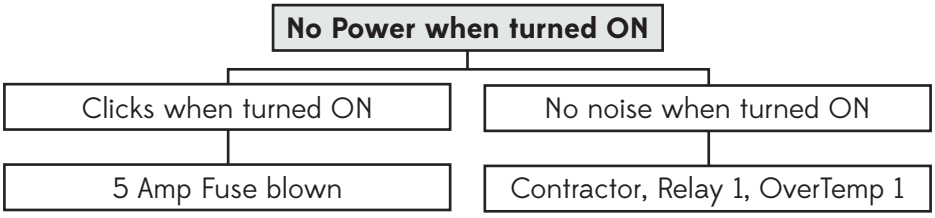
It is normal for the Heat Indicator Light to cycle ON and OFF.

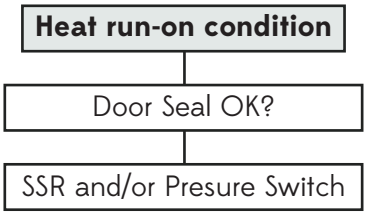
REFER TO WIRING DIAGRAM FOR ADDITIONAL INFORMATION

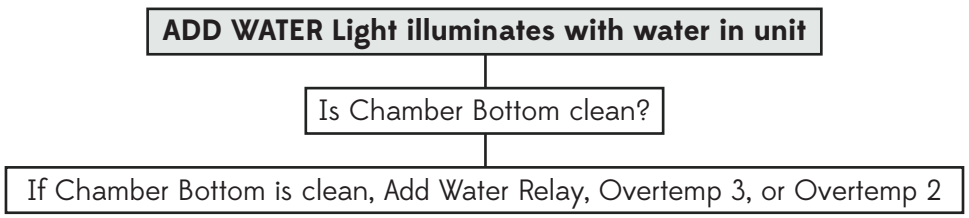
TROUBLESHOOTING CHART


Unit is not heating up
Heat Light is not on
Heat Light is on
Pressure Switch
Solid State Relay
Pressure switch OK • SSR OK
Check Heating Element
Before exchange, do a continuity test on all legs of heater


Not holding temp in HOLD Mode
Is timer set to HOLD?
Heat Light is Cycling
Heat Light is not Cycling
SSR and/or Thermostat
Thermostat






ADD WATER Light illuminates with water in unit
Is Chamber Bottom clean?
If Chamber Bottom is clean, Add Water Relay, Overtemp 3, or Overtemp 2